

Title (en)

ALANINE-GLYOXYLATE AMINOTRANSFERASE THERAPEUTICS

Title (de)

ALANINGLYOXYLAT-AMINOTRANSFERASE-THERAPEUTIK

Title (fr)

TRAITEMENTS À BASE D'ALANINE-GLYOXYLATE AMINOTRANSFÉRISE

Publication

**EP 2384200 B1 20130710 (EN)**

Application

**EP 10702554 A 20100201**

Priority

- NL 2010050044 W 20100201
- EP 09151795 A 20090130
- EP 10702554 A 20100201

Abstract (en)

[origin: WO2010087709A1] The present invention relates to an alanine glyoxylate aminotransferase (AGXT) I340M therapeutic for use as a medicament or in a method of treatment, for example in the treatment of an AGXT-responsive condition. The AGXT I340M therapeutic is an AGXT I340M protein comprising an amino acid sequence, which, when optimally aligned with SEQ ID NO: 2, comprises a methionine at a position corresponding to position 340 in SEQ ID NO: 2, a nucleic acid molecule encoding such an AGXT I340M protein, or a virion of a viral gene therapy vector comprising such a nucleic acid molecule. The AGXT I340M therapeutic has a higher specific activity as compared to other AGXT alleles and may therefore be advantageously used in the treatment of primary hyperoxaluria type I.

IPC 8 full level

**A61K 38/45** (2006.01); **A61P 13/00** (2006.01); **A61P 13/04** (2006.01); **A61P 13/12** (2006.01); **C12N 9/10** (2006.01)

CPC (source: EP)

**A61K 38/45** (2013.01); **A61P 3/00** (2017.12); **A61P 13/00** (2017.12); **A61P 13/04** (2017.12); **A61P 13/12** (2017.12); **C12N 9/1096** (2013.01)

Cited by

EP4083217A1; WO2022229223A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010087709 A1 20100805**; CA 2750811 A1 20100805; CA 2750811 C 20170829; EP 2384200 A1 20111109; EP 2384200 B1 20130710; ES 2429142 T3 20131113; JP 2012516325 A 20120719; JP 5728389 B2 20150603

DOCDB simple family (application)

**NL 2010050044 W 20100201**; CA 2750811 A 20100201; EP 10702554 A 20100201; ES 10702554 T 20100201; JP 2011547843 A 20100201